

Examiner's Copy

AN 127:361368 HCA  
TI Soft magnetic high-strength iron alloys for noncontact  
magnetostrictive-type torque sensors  
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PA Mitsubishi Steel Mfg. Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
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DT Patent  
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09263907	A2	19971007	JP 1996-72228	19960327
AB	The title Fe alloys contain Ni 5-20, Al 0.03-0.5, Ti 0.1-1.5, Cr 0.5-5, Mo 0.5-6 and/or W 0.5-5, and optionally Co 0.5-20 wt.%. The alloys show excellent sensor output and temp. stability, and require 15.0 Oe magnetic coercive force.				